ViewSonic®

N1800TV LCDTV Display

User Guide

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Product Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your product on the Internet at: www.viewsonic.com. The ViewSonic Wizard CD-ROM also provides an opportunity for you to print the registration form, which you may mail or fax to ViewSonic.

For Your Records

Product Name:	**ViewSonic N1800TV**
Model Number:	**VSATV26326-1W/1E**
Document Number:	**VSCEPRSPEC4997**
Serial Number:	_____
Purchase Date:	_____

Product disposal at end of product life

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. Your local waste disposal company may provide information about proper disposal.

IMPORTANT PRODUCT SAFETY INSTRUCTIONS

ATTENTION:
Follow and obey all warnings and instructions marked on your product and its operating instructions. For your safety, please read all the safety and operating instructions before you operate this product follow its opeatring and keep this user guide for future reference.

INSTALLATION

1. Grounding or Polarization

Your product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature.If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

2. Overloading

Do not overload well outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.

3. Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

4. Ventilation

Slots and openings avaund the cabinet are provided for ventilation.
To ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered.

- Do not block the openings by placing the product on a bed, sofa, rug or other similar surface.
- Do not place the product in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

5. Other Notices

- Avoid exposure the N1800TV to direct sunlight or high temperatures.
- Avoid exposure the N1800TV to moisture or high humidity.
- Do not attempt repair yourself. Your warranty does not cover repair or attempted repair by anyone not authorized by ViewSonic.
- If your N1800TV will not be used for a long period of time, unplug and remove the batteries from the remote control.

6. Precautions

Sit at least 18" from your LCD display.
Avoid touching the screen. Skin oils are difficult to remove.
Never remove the rear cover. Your LCD display contains high-voltage parts. You may be seriously injured if you touch them.
- Avoid exposing your LCD display to direct sunlight or another heat source. Orient your LCD display away from direct sunlight to reduce glare.
- Always handle your LCD display with care when moving it.
- Place your LCD display in a well-ventilated area. Do not place anything on your LCD display that prevents heat dissipation.
- Ensure the area around the LCD display is clean and free of moisture.
- Do not place heavy objects on the LCD display, video cable, or power cord.
- If smoke, abnormal noise, or strange odor is present, immediately switch the LCD display off and call your dealer or ViewSonic. It is dangerous to continue using the LCD display.

ANTENNA INSTALLATION INSTRUCTIONS

1. Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the product be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges, Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

2.   Lightning

For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges. Do not disconnect the antenna or the power cord during a heavy storm lighting may strike while you are holding the cable cord, causing serious injury; ture off you LCD and want for the werther to improve.

3. Power Lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits, When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Cleaning the LCD Display

- MAKE SURE THE LCD DISPLAY IS TURNED OFF.
- NEVER SPRAY OR POUR ANY LIQUID DIRECTLY ONTO THE SCREEN OR CASE.

To clean the screen:

1 Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
2 If still not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

To clean the case:

1 Use a soft, dry cloth.
2 If still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

Disclaimer

ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the LCD display screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the LCD display. ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

Getting Started

Congratulations on your purchase of a ViewSonic® LCDTV display. ***Important!*** *Save the original box and all packing material for future shipping needs.*

NOTE: The word "Windows" refers to Microsoft Windows 95, 98, NT, XP, 2000 and Me (Millennium Edition).

Package Contents

Your LCDTV display package includes:

- LCDTV Display
- Power Cord
- ViewSonic Wizard CD-ROM
- RF Cable
- Video Cable

- Audio Cable
- VGA Cable
- 29-Key Remote Control with batteries
- Quick Start Guide
- PC Audio Adapter

NOTE: CD includes User Guide PDF files and INF/ICM display optimization files. The INF files ensures compatibility with Windows operating systems, and the ICM file (Image Color Matching) ensures accurate on-screen colors. ViewSonic recommends that you install both files.

Front View of the Product
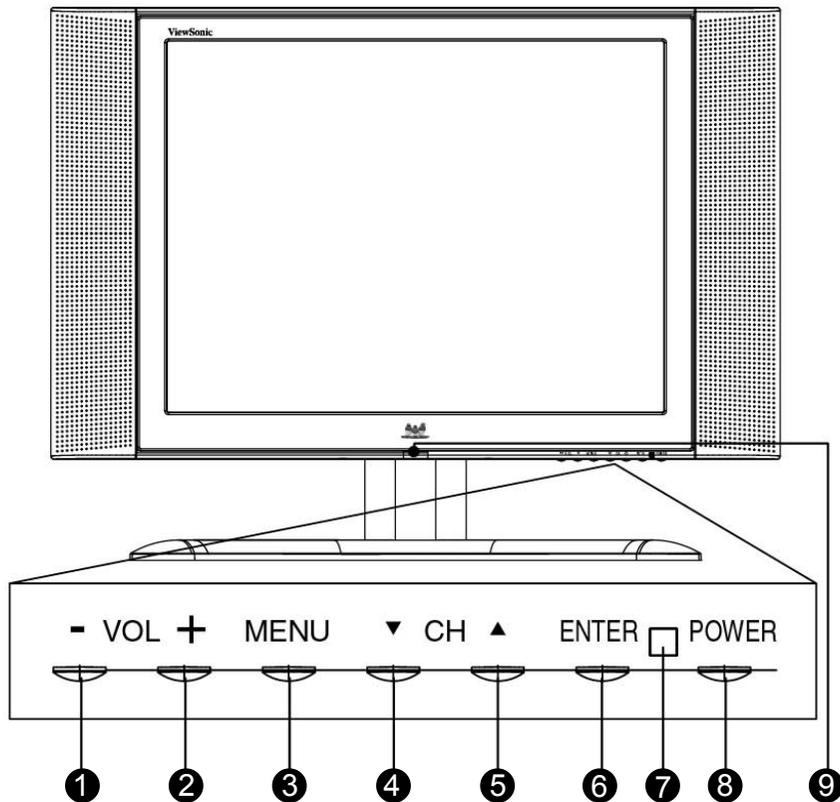
① **Volume Down**
Decrease sound volume or adjust a highlighted control while in OSD Menu.

② **Volume Up**
Increase sound volume or adjust a highlighted control while in OSD menu.

③ **MENU**
Turn OSD menu ON/OFF.

④ **CH Down**
Channel up when source is at TV or select a control while in OSD menu.

⑤ **CH UP**
Channel down when source is at TV or select a control while in OSD menu.

⑥ **ENTER**
To highlight a control in OSD menu.

⑦ **Power LED indicator**

⑧ **Power button**

⑨ **Remote control receiver**

Rear View of the Product
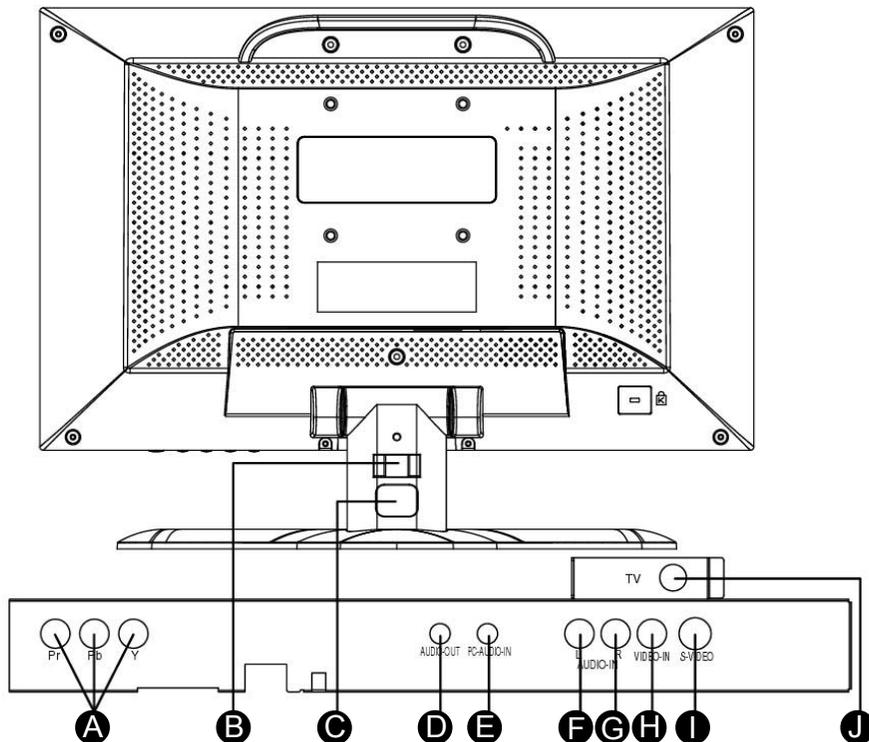
A **YPbPr signal input**
Connect the external video devices with component output to these jacks.

B **VGA signal input**
Using the 15-Pin VGA cable provided, connect one side to your PC and the other side to this port.

C **Power (AC input)**
Using cable provided, connect to a power source.

D **Audio output**
Using cable provided, connect this port to your speaker.

E **Audio input of PC**
Using cable provided, connect this port to the sound card on your PC.

F **Video signal Audio input (left)**
Connect the external audio into this jack.

G **Video signal Audio input (right)**
Connect the external audio into this jack.

H **AV Video input**
Connect the external video device such as VCR, DVD and video game into this jack.

I **S-Video input**
Connect the external video device such as VCR, DVD and video game into this jack.

J **TV signal input**
Connect to the antenna or cable service.

Remote Control

Turn sound on/off

Turn power on/off

Available in OSD menu
Use ▲ / ▼arrows to choose a
control, use **ENTER** to select
a control, use ◄ / ►arrows to
adjust the selected control

Select between MONO,Stereo
and SAP when available

OSD Menu ON/OFF

Display source and channel
information

Source select between
AV, S-Video, YPbPr, TV
and PC

Switch between offair
or cable TV

TV Sleep time setting

Channel UP/DOWN
adjustment

Switch channel number
key

Volume UP/DOWN
adjustment

Recall previous channel

MUTE   POWER
ENTER
MENU   MTS   DISPLAY
SOURCE   SLEEP   TV/CATV
1   2   3   + CH −
4   5   6
7   8   9   + VOL −
100   0   RECALL

ViewSonic

Installation

1. Insert Remote Control Batteries
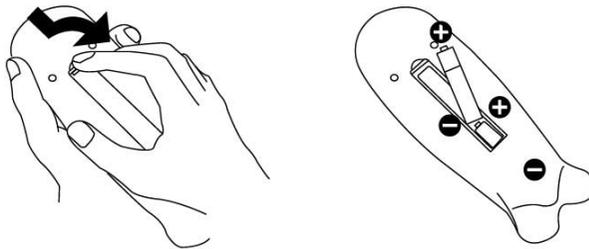
1 Remove the battery cover by pulling then lifting the knob on the cover.
2 Insert the batteries, corresponding to the (+) and (-) markings on the battery compartment.
3 Reattach the battery cover.

> ## ⚠ CAUTION
>
> - Only use the specified AAA batteries.
> - Do not mix new and old batteries. This may result in cracking or leakage, which may pose a risk of fire or lead to personal injury.
> - Insert batterise according to (+) and (-) markings. Inserting the batteries incorrectly may result in cracking or leakage, which may pose a risk of fire or lead to personal injury.
> - Dispose of the battery in accordance with local laws and regulations.
> - Keep the battery away from children and pets.
>   When the remote control will not to be used for an extended period, remove the batteries.

2. Connect audio and video cables to PC

Connect one or all of the following into the back of the N1800TV.

Important: Make sure all devices are off before you begin.

PC RGB CONNECTION
Connect the supplied analog VGA cable from your PC VGA OUT port to the N1800TV VGA IN port.

AUDIO CONNECTION
Connect the supplied stereo mini cable from the PC's AUDIO OUT «))» port to the AUDIO IN «-)» port on the N1800TV.
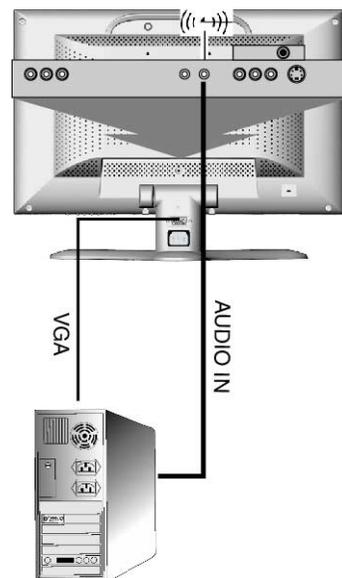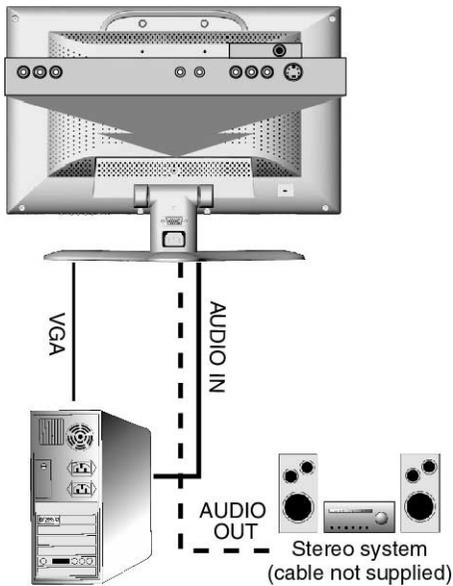
OPTIONAL:
To connect an external amplifier, connect the stereo mini cable from the monitor's AUDIO OUT ⟨⟨ ⟩⟩ port to the appropriate AUDIO IN ⟨⟨ ⟩⟩ port on a compatible amplifier as shown on the right.

VGA

AUDIO IN

AUDIO OUT

Stereo system
(cable not supplied)

3. Connect AV, S, YPbPr, Antenna to Video Devices

Connect Video/Audio cables form compatible devices into the back panel of N1800TV.

Pr
Pb
Y

Audio OUT

PC Audio IN

Audio IN (L)
Audio IN (R)
Video IN

S-Video IN

External Speaker

DVD Palyer

Cable or antenna

DVD Palyer or VCR
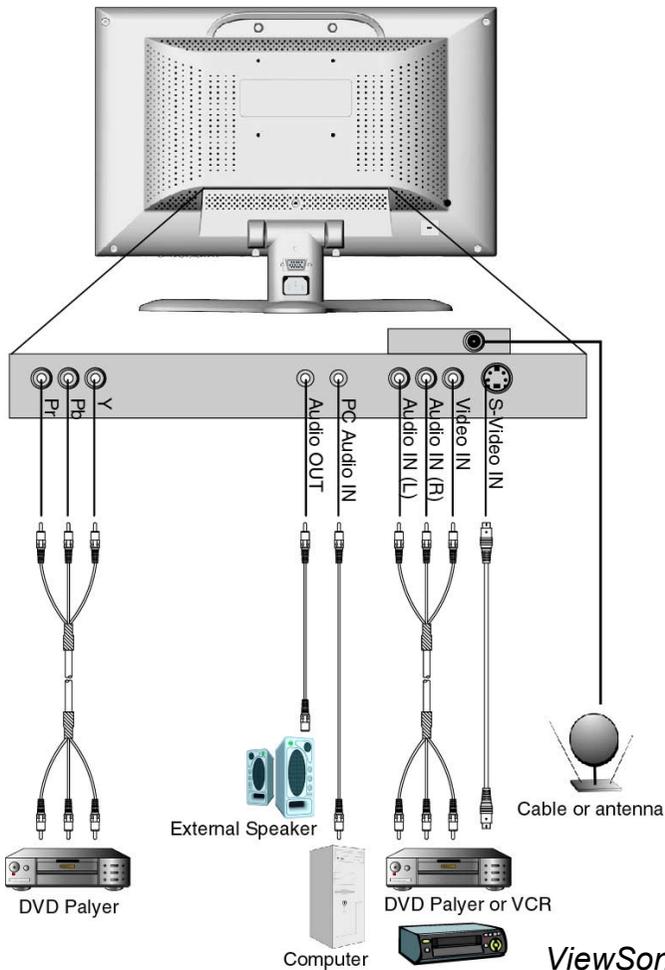
Computer

4. Connect power cables

Connect the power cord to the N1800TV
then to a properly grounded AC outlet.

AC wall
socket
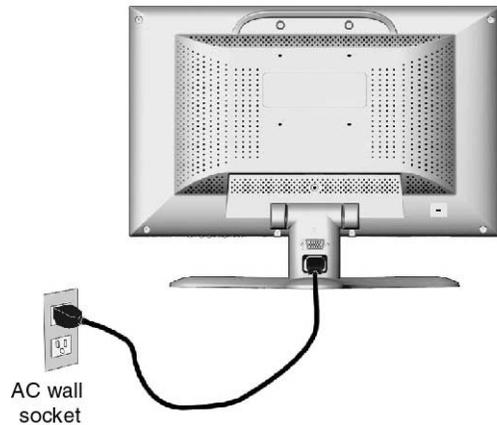
5. Turn Power ON

Press the Power ON ⏻ button on the
front of the LCD display. Or press the
Power On (red) button on the Remote
Control. Turn computer power ON.
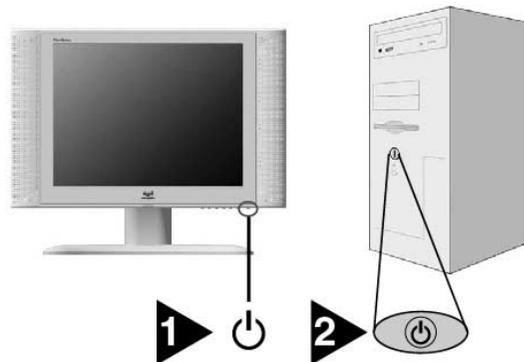
6. Select input source for your LCD TV display, via either OSD menu or Remote control

1) Insert the ViewSonic Wizard CD into the your computer CD drive, wait for the CD to
   auto-start and then follow the on-screen instruction.
2) For the best picture quality set your LCD display timing mode to
   VESA 1024 x 768 @   60Hz, Refer to graphic card user guide, for questions on how
   to set this timing mode.

OSD Functions

All the function settings for your LCDTV display are controlled either via the remote control or using the proper buttons underneath the front panel.

Press **MENU** key to display OSD Menu, and press **MENU** key again will change menu page. OSD menu may appear to be different, depend on the current source input.

Source Input: TV

Picture Menu
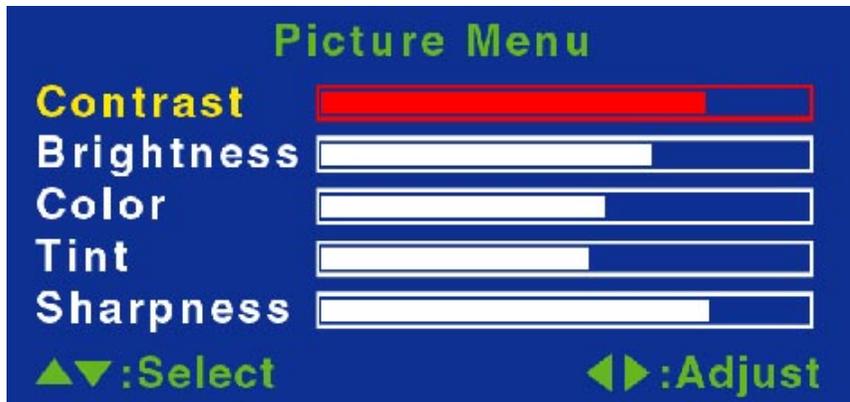
Contrast: To adjust the contrast ratio of the image. (right: low contrast, left: high contrast)
Brightness: To adjust the luminance of the image. (right: low, left: Max)
Color: To adjust color saturation. (right: pale color, left: brilliant color)
Tint: To adjust the video hue level. (right: more greenish tone, left: more reddish tone)
Sharpness: To adjust the image sharpness of display. (right: soften, left: sharpen)

Sound Menu
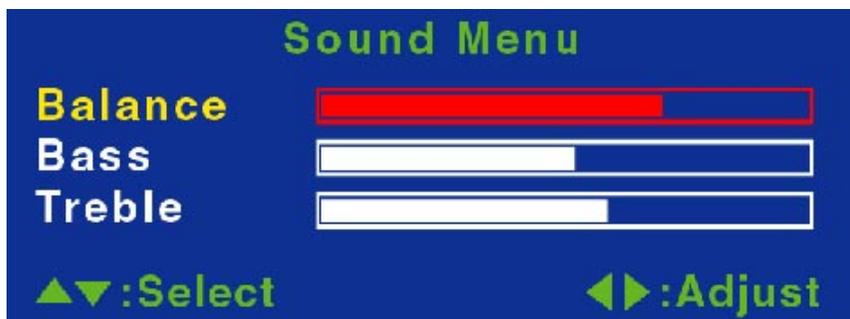
Balance: To adjust the left and right audio balance.
Bass: To adjust the audio bass.
Treble: To adjust the audio treble.

Option Menu
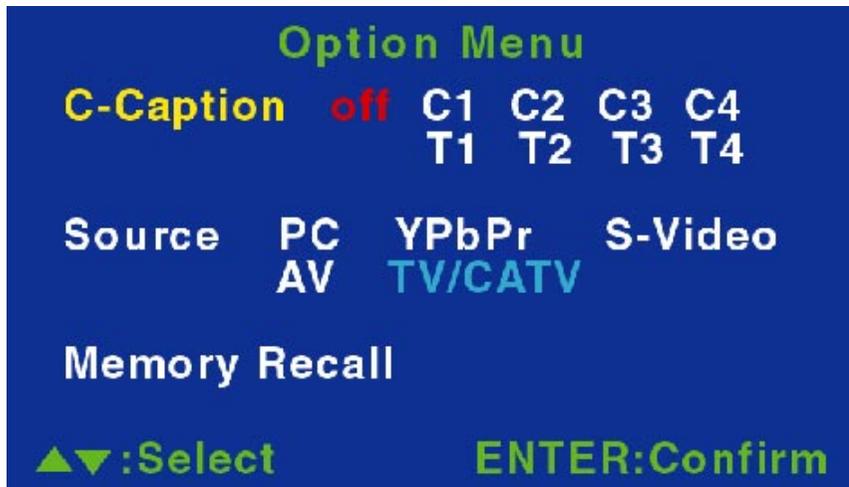
C-Caption: To turn Closed Caption feature on/off, or select the type of closed caption desired.
Source Select: To choose a desired input source between **PC**, **YPbPr**, **S-Video**, **AV** and **TV/CATV**.
Memory Recall: Recall factory pre-sets.

Setup Menu

TV/CATV SELECT: To select TV signal input between off-air and cable service.
AutoScan: To search for available TV /CATV channels.
Channel (Add, Delete): Use to add or skip TV channel after **Autoscan**.
V-CHIP Control: To turn V-Chip function on/off, set desired rating(s) and change password.

V-Chip feature is designed to help parents monitor what their children watch an television.

**Blocking will be Active
Please Enter PIN-Code**

_ _ _ _

V-Chip setting: To enable V-Chip functions please enter 0000 if you have not assigned the special password.

V-CHIP Blocking   On   Off
MPAA Rating Guide
TV Rating Guide
NEW PIN-code

MENU:Exit   ENTER:Confirm

Use remote control arrow keys to select **V-CHIP Blocking** to set parental guidelines on or off.

X   NC17   R   PG13   PG G
B   B   U   U   U   U

MENU:Exit   ENTER:Confirm

Select **MPAA Rating Guide** to set rating grade. Use remote control arrow keys to move cursor to desire rating grade. When the text turns red, press **ENTER** key to set block **(B)** or unblock **(U)** condition.

Movie Ratings

The MPAA movie ratings are defined as following.

Rating	Defined as	Rating	Defined as
G	General audience	R	Restrlcted
PG	Parental Guidance suggested	NC-17	No one 17 and under admitted
PG-13	Parents strongly cautioned	X	Adult audience only

```
         MA   14   PG   G   Y7   Y
   ALL    B    B    B   U   U    U
    D           B    U
    L     B    B    U
    S     B    B    U
    V     B    B    U
   FV                    U
  MENU:Exit        ENTER:Confirm
```
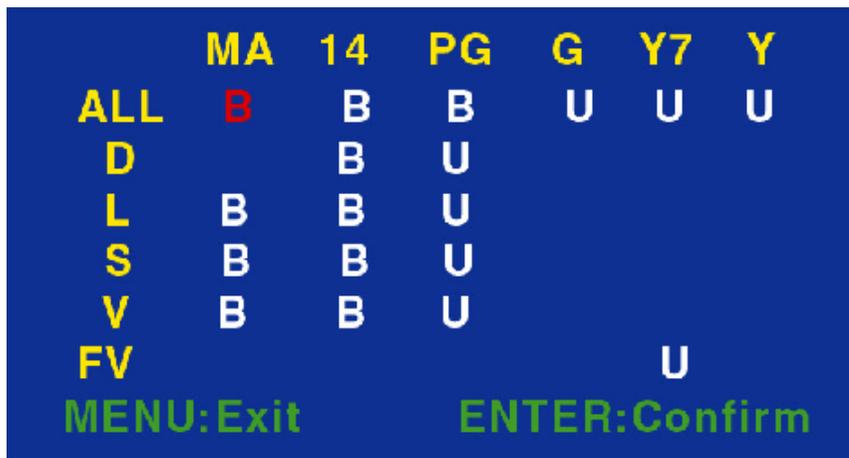
Select **TV Rating Guide** to set rating grade. Use remote control arrow keys to move cursor to desire rating grade. When the text turns red, press **ENTER** key to set block **(B)** or unblock **(U)** condition.

TV Ratings

The TV ratings are divided into two grounds age-based and content-based.

Age	Defined as	Age	Defined as
TV-Y	All Children	**TV-PG**	Parental Guidance Suggested
TV-Y7	Directed to Older Children	**TV-14**	Parents Strongly Cautioned
TV-G	General Audience	**TV-MA**	Mature Audience Only

Content	Defined as	Content	Defined as
D	Suggective dialogue	**V**	Violence
L	Stronge Language	**FV**	Fantasy Violence
S	Sexual situation		

To change the password, select **NEW PIN-Code**.

```
Change User PIN-Code Data
Please Enter New PIN-Code



       _ _ _ _
```

Use remote control numbering keys to enter a 4 digit number, then press **ENTER**.

Use remote control numbering keys to confirm the number again, then press **ENTER**.

Source Input: YPbPr, AV, S-Video

Picture Menu
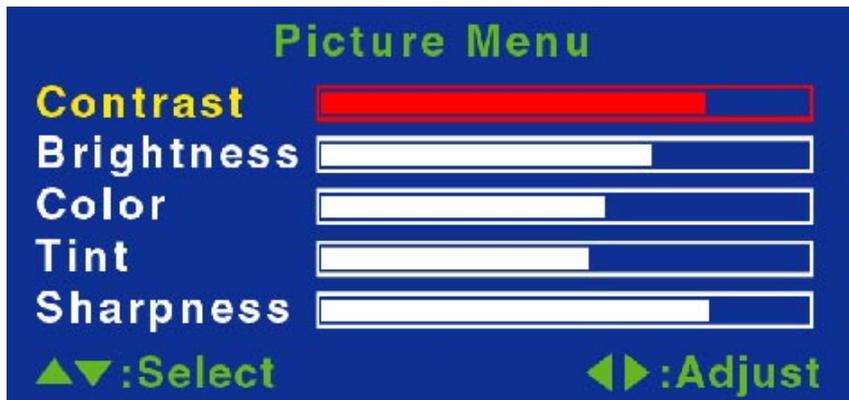
Contrast: To adjust the contrast ratio of the image level.
Brightness: To adjust the brightness ratio of the image level.
Color: To adjust color saturation. (right: pale color, left: brilliant color)
Tint: To adjust the video hue level. (right: more greenish tone, left: more reddish tone)
Sharpness: To adjust the picture sharpness. (right: soft, left: sharper)

(*Tint/ Sharpness not available in YPbPr)*

Sound Menu
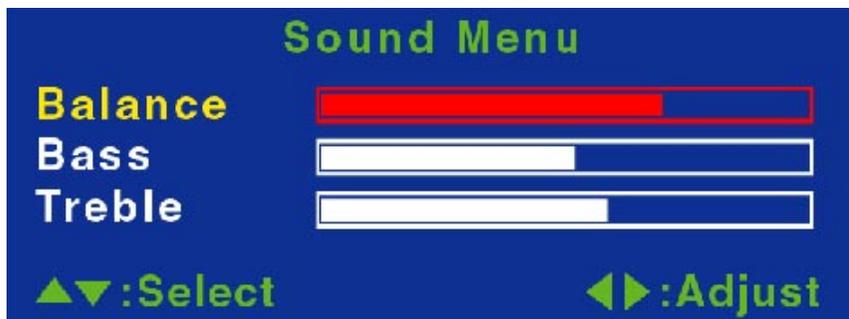
Balance: To adjust the left and right audio balance.
Bass: To adjust the audio bass.
Treble: To adjust the audio treble.

Option Menu

Source Select: To choose a desired input source between **PC**, **YPbPr**, **S-Video**, **AV** and **TV/CATV**.
Memory Recall: Recall factory pre-sets.

Source Input: PC

Main Menu:

Main Menu

AUTO SET	Auto Adjust
◖	Contrast/Brightness
🎨	Color Adjust
ⓘ	Information
↔	Image Adjust
→	Source Select
?	Setup Menu
▣	PIP Menu
↓⟲	Memory Recall

MENU : Exit   ▲▼ : Select

adjusting

Auto Adjust: Auto adjust picture's horizontal position, vertical position, fine tune and H-Size.

Contrast

◖

MENU : Exit   ENTER : ☼

Contrast: To adjust the contrast ratio of the image.

Brightness

☼

MENU : Exit   ENTER : ◖

Brightness: To adjust the brightness level of the image.

Color Adjust

Preset Color

User Color

MENU : Exit   ▲▼ : Select

Color Adjust: To choose the preset color temperature, or a user selected color setting.

Information

H. Frequency:	59.9 kHz
V. Frequency:	74.7 Hz
Pixel Clock:	78.5 MHz
Resolution:	1024 x 768

MENU : Exit

Information: Show current timing mode information.

Image Adjust

🖵 H. /V. Position

⊟ H. Size

⣿ Fine Tune

☰ Sharpness

MENU : Exit   ▲▼ : Select

Image Adjust: Includes H. /V. Position, H. Size, Fine Tune and Sharpness.

H. Position ▭ | MENU : Exit | ENTER : ◻

H. Position: To adjust the horizontal position of the image.

V. Position ▭ | MENU : Exit | ENTER : ◻

V. Position: To adjust the vertical position of the image.

Fine Tune ⫟⫟⫟ | MENU : Exit | ◀▶: Adjust

Fine Tune: To remove or reduce random horizontal noise in the image.

H. Size ↔ | MENU : Exit | ◀▶: Adjust

H. Size: To adjust the delay time between horizontal synchronous signal and video.

Sharpness ▭ | MENU : Exit | ◀▶: Adjust

Sharpness: To adjust the picture sharpness.

Source Select menu:

> **Source Select**
>
> **PC**
> YPbPr
> S-Video
> AV
> TV/CATV
>
> MENU : Exit   ▲▼ : Select

Source Select: To select an input source between **PC**, **YPbPr**, **S-Video**, **AV**, and **TV/CATV.**

> **Setup Menu**
>
> OSD **OSD Position**
> 🕐 **OSD Time out**
>
> MENU : Exit   ▲▼ : Select

Setup Menu: Includes **OSD Position** and **OSD Timeout**.

> **OSD H. Position**
>
> MENU : Exit   ENTER : ⬚

OSD Position: To adjust horizontal and vertical positions of OSD.

> **OSD Time Out**
>
> 🕐
>
> MENU : Exit   ◀▶: Adjust

OSD Timeout: To set OSD display time.
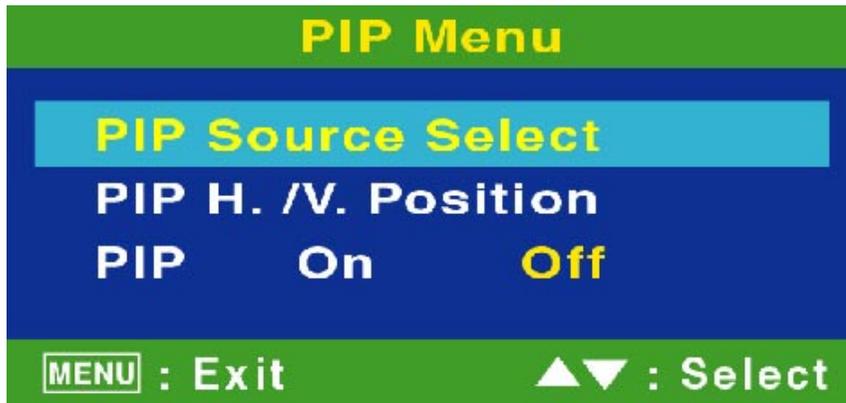
PIP Menu

PIP Menu: Includes **PIP Source Select**, **PIP H. /V. Position** and **PIP On/Off** the control turning.
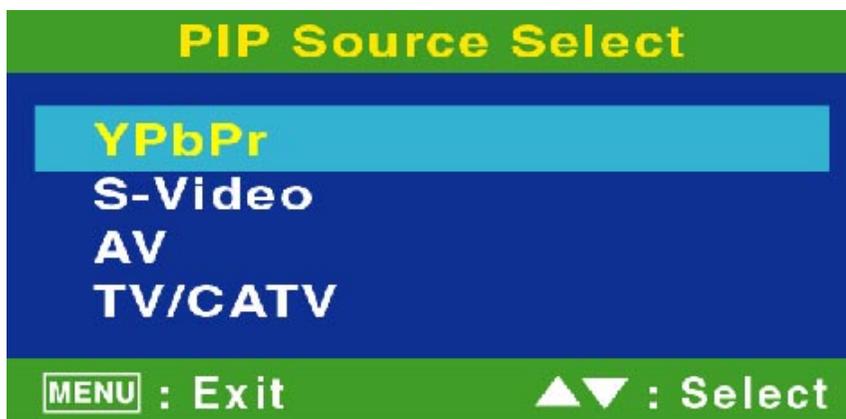
PIP Source Select

PIP Source Select: To select a PIP input source between **PC**, **YPbPr**, **S-Video**, **AV**, or **TV/CATV**.

PIP H. Position

PIP Position: To change the horizontal and vertical position of PIP window.

Memory Recall

Memory Recall: Restore default settings of contrast (Max), brightness (Middle), color temperature (preset color), OSD Position (Center), Sharpness (Min) and Volume (Middle).

Other Information

Specifications

LCD	Type	18.1" TFT (Thin FilmTransistor) Active Matrix XGA LCD 0.3585mm pixel pitch
	Color Filter	RGB vertical stripe
	Glass surface	Anti-Glare
Panel tilt		UP: +20° , Down: -5°
Input signal	RGB	RGB analog (0.7/1.0 Vp-p, 75 ohms) Separate Sync, f_h:30-60 kHz, f_v:50-75 Hz
	RF	TV system Antenna/NTSC US
	Video	1 compsite RCA, 1 S-Video, 1YPbPr component
	Audio	1 mini-stereo, 1 pair of RCA (L/R) stereo
Compatibility	PC	Up to 1024 x 768 Non-interlaced
	Macintosh1	Power Macintosh up to 1024 x 768
Resolution	Recommended and supported	1024 x 768 @ 60, 70, 72, 75 Hz 800 x 600 @ 56, 60, 72, 75 Hz 640 x 480 @ 60, 75 Hz 832 x 624 @ 75 Hz 720 x 400 @ 70 Hz
Speaker Output		3W x 2
Audio Output		1 mini PC stereo jack
Power	Voltage	100-240 VAC, 50/60 Hz (auto switch)
Display area	Full Scan	367.2mm (H) x 275.4 mm (V) 14.5" (H) x 10.8" (V)
Operating conditions	Temperature	32° F to + 104° F (0° C to + 40° C)
	Humidity	10% to 90% (no condensation)
	Altitude	To 10,000 feet (3,000m)
Storage conditions	Temperature	-4° F to + 140° F (-20° C to + 60° C)
	Humidity	10% to 90% (no condensation)
	Altitude	To 40,000 feet (12,000m)
Dimensions	Physical	540 mm (W) x 411 mm (H) x 238 mm (D) 21.26" (W) x 16.18" (H) x 9.37" (D)
Weight	Net	6.4 kg (14.1 lb)
Regulations		UL, FCC-B, FCC-B (Doc-B), CE, MPRII, PCT (AЯ46), NOM
Power saving modes	On	<60W (green LED)
	Active Off	<5W (orange LED)

Preset Timing Mode (pre-adjusted to VESA® 1024 x 768 @ 60 Hz)

Warning: Do not set the graphics card in your computer to exceed these refresh rates; doing so may result in permanent damage to the LCD display.

Troubleshooting

No power

- Make sure power button (or switch) is ON.
- Make sure A/C power cord is securely connected to the LCD display.
- Plug another electrical device (like a radio) into the power outlet to verify that he outlet is supplying proper voltage.

Power is ON but no screen image

- Make sure the video cable supplied with the LCD display is tightly secured to the video output port on the back of the computer. If the other end of the video cable is not attached permanently to the LCD display, tightly secure it to the LCD display.
- Adjust brightness and contrast.
- If you are using an Macintosh older than G3, you need a Macintosh adapter.
- Check Source settings.

Wrong or abnormal colors

- If any colors (red, green, or blue) are missing, check the video cable to make sure it is securely connected. Loose or broken pins in the cable connector could cause an improper connection.
- Connect the LCD display to another computer.
- If you have an older graphics card, contact ViewSonic® for a non-DDC adapter.

Control buttons do not work

- Press only one button at a time.

Snow appears on screen

- Check your antenna connection.
- Check TV/CATV selection.

No Sound

- Check your audio connection.
- Press Mute again, so that Mute disappears from the screen.
- Check you MTS settings, your TV MTS may be set to SAP.
- Press the Volume + key on your remote control.

Remote control doesn't it work

- Make sure batteries are inserted correctly.
- Batteries could be weak.

Customer Support

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product serial number.

Contry/ Region	Web site	T = Telephone F = FAX	Email
United States	viewsonic.com/support	T: (800) 688-6688 F: (909) 468-1202	service.us@ viewsonic.com
Canada	viewsonic.com/support	T: (800) 688-6688 F: (909) 468-1202	service.ca@ viewsonic.com
United Kingdom	viewsoniceurope.com	T: 0800 833 648 F: (01293) 643910	service.eu@ viewsoniceurope.com
Europe, Middle East, Baltic countries, and North Africa	viewsoniceurope.com	Contact your reseller	service.eu@ viewsoniceurope.com
Australia and New Zealand	viewsonic.com.au	T: +61 2 9929 3955 F: +61 2 9929 8393	service.au@ viewsonic.com
Singapore/India and Southeast Asia	viewsonic.com.sg	T: 65 273 4018 F: 65 273 1566	service.sg@ viewsonic.com
Other Asia/Pacific countries	viewsonic.com.tw	T: 886 2 2246 3456 F: 886 2 8242 3668	service.ap@ viewsonic.com
South Africa	viewsonic.com/asia	T: 886 2 2246 3456 F: 886 2 8242 3668	service.ap@ viewsonic.com

Limited Warranty
VIEWSONIC LCD DISPLAY

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, **ViewSonic** will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

How long the warranty is effective:

ViewSonic N1800TV is warranted for one (1) year for all parts including the light source and one (1) year for all labor from the date of the first consumer purchase.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
   a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
   b. Repair or attempted repair by anyone not authorized by **ViewSonic**.
   c. Any damage of the product due to shipment.
   d. Removal or installation of the product.
   e. Causes external to the product, such as electrical power fluctuations or failure.
   f. Use of supplies or parts not meeting **ViewSonic**'s specifications.
   g. Normal wear and tear.
   h. Any other cause which does not relate to a product defect.
3. Removal, installation, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact **ViewSonic Customer Support**. You will need to provide your product's serial number.
2. To obtain service under warranty, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized **ViewSonic** service center or **ViewSonic**.
4. For additional information or the name of the nearest **ViewSonic** service center, contact **ViewSonic**.

Limitation of implied warranties:

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Exclusion of damages:

VIEWSONIC'S LIABILITY IS LIMITED TO THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. VIEWSONIC SHALL NOT BE LIABLE FOR:
1. DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE PRODUCT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, LOSS OF PROFITS, LOSS OF BUSINESS OPPORTUNITY, LOSS OF GOODWILL, INTERFERENCE WITH BUSINESS RELATIONSHIPS, OR OTHER COMMERCIAL LOSS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
2. ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE.
3. ANY CLAIM AGAINST THE CUSTOMER BY ANY OTHER PARTY.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.

ViewSonic LCD Warranty (V3.0)   Release Date: 01- 29- 2002

Appendix

Safety Guidelines

Warming: This device must be operated with the original power supply, part number:
12VDC LSE9901B1250, 12VDC UP06031120.

CAUTION: The socket-outlet should be installed near the equipment and should be easily accessible.

CAUTION: Use a power cable that is properly grounded. Always use the appropriate AC cord that is certified for the individual country. Some examples are listed below:

USA.................UL	Switzerland ..... SEV
Canada.............CSA	Britain .... BASE/BS
Germany..........VDE	Japan .... Electric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord set for this unit has been enclosed and has been selected according to the country of destination and must be used to prevent electric shock. Use the following guidelines if it is necessary to replace the original cord set, or if the cord set is not enclosed.
The female receptacle of the cord set must meet IEC-60320 requirements and may look like (Figure A1 below):

Figure A1   **Figure A2**

For the United States and Canada

In the United States and Canada the male plug is a NEMA5-15 style (Figure A2), UL Listed, and CSA Labeled. For units which are mounted on a desk or table, type SVT or SJT cord sets may be used. For units which sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

Cord Type	Size of Conductors in Cord	Maximum Current Rating of Unit
SJT	18 AWG 16 AWG 14 AWG	10 Amps 12 Amps 12 Amps
SVT	18 AWG 17 AWG	10 Amps 12 Amps

For European Countries

In Europe you must use a cord set which is appropriate for the receptacles in your country. The cord set is HAR-Certified, and a special mark that will appear on the outer sheath, or on the insulation of one of the inner conductors.

AC PLUG CORD PRECAUTIONS FOR THE UNITED KINGDOM

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET THEN THE PLUG SHOULD BE CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO AN APPROPRIATE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.
If in any doubt, please consult a qualified electrician.

WARMING: THIS APPLIANCE MUST BE EARTHED.
IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

     Green-and-Yellow: Earth
     Blue: Neutral
     Brown: Live

If the coloured wires of the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the Earth symbol or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

If you have any questions concerning which proper power cord to use, please consult with the dealer from whom you have purchased the product.

Compliance Information for U.S.A.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a resi-dential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Warning

To assure continued FCC compliance, the user must use grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable is going to be used, use only a shielded BNC(5) cable. Also, any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

Notice for Japan

This is a Class B product based on the standard of the Voluntary Control Council for Interference from Information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it may cause radio interference. Install and use the equipment according to the instruction manual.

CE Conformity for Europe

The device complies with the requirements of the EEC directive 89/336/EEC as amended by 92/31/EEC and 93/68/EEC Art.5 with regard to "Electromagnetic compatibility", and 73/23/EEC as amended by 93/68/EEC Art.13 with regard to "Safety."